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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2009; month=11; day=20; hr=14; min=9; sec=30; ms=465;]

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Reviewer Comments:

<210> 1

<211> 191

<212> DNA

<213> artificial

<400> 1

For all sequences using "Artificial sequence", for numeric identifier <213>, a mandatory feature is required to explain the source of the genetic material. The feature consists of <220>, which remains blank, and <223>, which states the source of the genetic material. To explain the source, if the sequence is put together from several organisms, please list those organisms. If the sequence is made in the laboratory, please indicate that the sequence is synthesized. These errors appear in other sequences in the sequence listing. Please check for similar errors and make all necessary changes.

Application No: 10597403 Version No: 2.0

Input Set:**Output Set:**

Started: 2009-11-06 17:12:17.544
Finished: 2009-11-06 17:12:20.448
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 904 ms
Total Warnings: 14
Total Errors: 7
No. of SeqIDs Defined: 14
Actual SeqID Count: 14

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
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W 213	Artificial or Unknown found in <213> in SEQ ID (3)
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W 213	Artificial or Unknown found in <213> in SEQ ID (4)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (4)
W 402	Undefined organism found in <213> in SEQ ID (5)
W 402	Undefined organism found in <213> in SEQ ID (6)
W 402	Undefined organism found in <213> in SEQ ID (7)
W 402	Undefined organism found in <213> in SEQ ID (8)
W 402	Undefined organism found in <213> in SEQ ID (9)
W 402	Undefined organism found in <213> in SEQ ID (10)
W 402	Undefined organism found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (12)

Input Set:

Output Set:

Started: 2009-11-06 17:12:17.544

Finished: 2009-11-06 17:12:20.448

Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 904 ms

Total Warnings: 14

Total Errors: 7

No. of SeqIDs Defined: 14

Actual SeqID Count: 14

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (14)

SEQUENCE LISTING

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<130> 46 402 K

<140> 10597403

<141> 2009-11-06

<150> PCT/EP2005/000663

<151> 2005-01-24

<150> EP 04001504.2

<151> 2004-01-23

<160> 14

<170> PatentIn version 3.3

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<211> 191

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<213> artificial

<400> 1

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 <213> *Synechocystis* sp. PCC6803

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35 40 45

Ser Ala Ile Val Ser Asn Ala Ala Arg Ala Leu Phe Val Glu Gln Pro
50 55 60

Gln Leu Ile Gln Pro Gly Gly Asn Ala Tyr Thr Ser Arg Arg Met Ala
65 70 75 80

Ala Cys Leu Arg Asp Met Glu Ile Ile Leu Arg Tyr Val Thr Tyr Ala
85 90 95

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100 105 110

Leu Arg Glu Thr Tyr Val Ala Leu Gly Val Pro Gly Ala Ser Val Ala
115 120 125

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